Clinical Infectious Diseases

Volume 24 • Number 1 *January 1997*

i **Checklist for Submitted Manuscripts**

State-of-the-Art Clinical Article

1 Listeriosis
Bennett Lorber

Clinical Articles

12 Detection of Enterotoxigenic *Bacteroides fragilis* and Its Toxin in Stool Samples from Adults and Children in Italy
Annalisa Pantosti, Maria Grazia Menozzi, Antonella Frate, Laura Sanfilippo, Fabio D'Ambrosio, and Monica Malpeli

17 **Photo Quiz**

18 Infectious Complications in Left Ventricular Assist Device Recipients
Staci A. Fischer, Gordon M. Trenholme, Maria Rosa Costanzo, and William Piccione

24 Congenital Syphilis: Detection of *Treponema pallidum* in Stillborns
S. A. Rawstron, J. Vetrano, G. Tannis, and K. Bromberg

28 Infection Due to Fluconazole-Resistant *Candida* in Patients with AIDS: Prevalence and Microbiology
Janine R. Maenza, William G. Merz, Mark J. Romagnoli, Jeanne C. Keruly, Richard D. Moore, and Joel E. Gallant

35 Retrospective Detection of Laboratory Cross-Contamination of *Mycobacterium tuberculosis* Cultures with Use of DNA Fingerprint Analysis
Christopher R. Braden, Gary L. Templeton, William W. Stead, Joseph H. Bates, M. Donald Cave, and Sarah E. Valway

41 Cefepime/Amikacin Versus Ceftazidime/Amikacin as Empirical Therapy for Febrile Episodes in Neutropenic Patients: A Comparative Study
Catherine Cordonnier, Raoul Herbrecht, Jose Luis Pico, Martine Gardembas, Alain Delmer, Martine Delain, Philippe Moreau, Saloua Ladeb, Véronique Nalet, Christian Rollin, and Jean-Jacques Gres for the French Cefepime Study Group

52 Severe Cytomegalovirus Infection in Immunocompetent Patients
M. Eddleston, S. Peacock, M. Juniper, and D. A. Warrell

57 Cost-Effectiveness of Ampicillin/Sulbactam Versus Imipenem/Cilastatin in the Treatment of Limb-Threatening Foot Infections in Diabetic Patients
Peggy S. McKinnon, Joseph A. Paladino, M. Lindsay Grayson, Gary W. Gibbons, and Adolf W. Karchmer

Perspective

64 Redefining AIDS: Towards a Modification of the Current AIDS Case Definition
Helmut Albrecht

75 **Answer to Photo Quiz**

Brief Reports

76 Azithromycin-Related Ototoxicity in Patients Infected with Human Immunodeficiency Virus
Alice L. Tseng, Lisa Dolovich, and Irving E. Salit

77 Cat-Scratch Disease Mimicking Pancreatic Malignancy: Case Report
Maarten H. M. Raasveld, Jan F. L. Weel, M. C. Paul Braat, and Piet J. M. Bakker

78 Enhanced Amphotericin B Nephrotoxicity in Intensive Care Patients with Elevated Levels of Low-Density Lipoprotein Cholesterol
Kishor M. Wasan and James S. Conklin

80 Severe Knee Arthritis Due to *Eikenella corrodens* Following a Human Bite
M. Bonnet, E. Bonnet, L. Alric, M. Goldzack, and P. Massip

81 Spontaneous Bacterial Peritonitis Caused by *Citrobacter diversus*: Case Report
D. A. de Luis, R. Aller, D. Boixeda, L. Ruiz Del Arbol, and C. Martin De Argila

83 One-Dose Treatment with Pefloxacin for Infection Due to Multidrug-Resistant *Shigella dysenteriae* Type 1 in Burundi
Dominique Gendrel, Jean-Luc Moreno, Martin Nduwimana, Cyprien Baribwira, and Josette Raymond

84 Testicular Abscess Due to *Streptococcus pneumoniae* in an Infant with Human Immunodeficiency Virus Infection
Joanna Dobroszycki, Jacobo Abadi, Genevieve Lambert, David O. Beenhouwer, Truc H. Truong, and Andrew A. Wiznia

85 Primary Hydatidosis of the Peripheral Muscles: Treatment with Albendazole
Pedro Carpintero, Josemariá Kindelan, Rafael Montero, and Alfonso Carpintero

86 Variability of Plasma Fluconazole Levels in Patients with Hematologic Malignancy
Michael E. Ellis, David Spence, Peter Ernst, and William Greer

87 Clostridial Endocarditis Following Penetrating Cardiac Trauma
F. Holland II, L. Fernandez, J. Jacobs, and H. Bolooki

89 Intramedullary Abscess of the Spinal Cord in a Patient with a Right-to-Left Shunt: Case Report
C. David, L. Brasme, P. Peruzzi, R. Bertault, M. Vinsonneau, and D. Ingrand

90 Emergence of Increased Resistance to Quinupristin/Dalfopristin During Therapy for *Enterococcus faecium* Bacteremia
Joseph W. Chow, Susan M. Donabedian, and Marcus J. Zervos

91 Superinfection with *Enterococcus faecalis* During Quinupristin/Dalfopristin Therapy
Joseph W. Chow, Alma Davidson, Edward Sanford III, and Marcus J. Zervos

92 Clarithromycin-Associated Digoxin Toxicity in the Elderly
Barbara A. Brown, Richard J. Wallace, Jr., David E. Griffith, and Russell Warden

93 *Streptococcus anginosus* Spondylodiskitis
Leora B. Balsam, Gordon M. G. Shepherd, and Kathryn L. Ruoff

Correspondence

95 *Strongyloides stercoralis* Infection in Patients Infected with Human Immunodeficiency Virus
J. M. Guerin, F. Leibinger, and A. Mofredj

95 Reply
Oscar Cirioni

96 Ciprofloxacin Was the Culprit—Not Itraconazole
Franco de'Clari

96 Reply
Kerry O. Cleveland

97 **Notices**

98 **Statement of Editorial Policy**

100 **Checklist of Information for Inclusion in Reports of Clinical Trials**

Volume 24 • Supplement 1 *January 1997*

MONITORING AND MANAGEMENT OF BACTERIAL RESISTANCE TO ANTIMICROBIAL AGENTS: A WORLD HEALTH ORGANIZATION SYMPOSIUM

Nature of the Resistance Problem

S1 Introduction
Jacques F. Acar, Edward L. Kaplan, and Thomas F. O'Brien

S2 The Global Epidemic Nature of Antimicrobial Resistance and the Need to Monitor and Manage It Locally
Thomas F. O'Brien

S9 The Population Genetics of Antibiotic Resistance
B. R. Levin, M. Lipsitch, V. Perrot, S. Schrag, R. Antia, L. Simonsen, N. Moore Walker, and F. M. Stewart

S17 Consequences of Bacterial Resistance to Antibiotics in Medical Practice
Jacques F. Acar

Recent Increases in Resistance: Mechanisms and Organisms

S19 Evolution and Dissemination of β-Lactamases Accelerated by Generations of β-Lactam Antibiotics
Antone A. Medeiros

S46 The Most Frequent Aminoglycoside Resistance Mechanisms—Changes with Time and Geographic Area: A Reflection of Aminoglycoside Usage Patterns?
G. H. Miller, F. J. Sabatelli, R. S. Hare, Y. Glupczynski, P. Mackey, D. Shlaes, K. Shimizu, K. J. Shaw, and the Aminoglycoside Resistance Study Groups

S63 Increases in Rates of Resistance to Trimethoprim
Pentti Huovinen

S67 Trends in Bacterial Resistance to Fluoroquinolones
J. F. Acar and F. W. Goldstein

S74 The Progressive Intercontinental Spread of Methicillin-Resistant *Staphylococcus aureus*
G. A. J. Ayliffe

S80 Enterococci Acquire New Kinds of Resistance
Roland Leclercq

S85 Antibiotic Resistance in *Streptococcus pneumoniae*
Alexander Tomasz

S89 Recent Evaluation of Antimicrobial Resistance in β-Hemolytic Streptococci
Edward L. Kaplan

S93 Antimicrobial Resistance in *Neisseria gonorrhoeae*
Inga Lind

S98 Antibiotic Resistance in *Neisseria meningitidis*
Beryl A. Oppenheim

S102 Antimicrobial Resistance in Organisms Causing Diarrheal Disease
R. Bradley Sack, Mahbubur Rahman, M. Yunus, and Eradul H. Khan

S106 Multidrug-Resistant *Salmonella typhi*: A Worldwide Epidemic
Bernard Rowe, Linda R. Ward, and E. John Threlfall

S110 Antimicrobial Resistance in Anaerobes
B. A. Rasmussen, K. Bush, and F. P. Tally

S121 Drug-Resistant Tuberculosis: Review of the Worldwide Situation and the WHO/IUATLD Global Surveillance Project
David L. Cohn, Flavia Bustreo, and Mario C. Raviglione

Addressing Issues of Antimicrobial Resistance

S131 Approaches to Limiting Emergence of Antimicrobial Resistance in Bacteria in Human Populations
James M. Hughes and Fred C. Tenover

S136 How to Modify Conditions Limiting Resistance in Bacteria in Animals and Other Reservoirs
R. Helmuth and D. Protz

S139 Control of Nosocomial Antimicrobial-Resistant Bacteria: A Strategic Priority for Hospitals Worldwide
Donald A. Goldmann and W. Charles Huskins

S146 Perspectives on Chemotherapeutic Approaches to Antibiotic-Resistant Bacteria
Robert E. Kessler

S148 The Role of Fundamental Research and Biotechnology in Finding Solutions to the Global Problem of Antibiotic Resistance
Robert E. W. Hancock

S151 Antibiotic Resistance: A View from the Pharmaceutical Industry
Richard P. Bax

S154 Strategies for the Rational Use of Antimicrobials
M. R. Couper

S157 Surveillance of Antimicrobial Resistance: The WHONET Program
John M. Stelling and Thomas F. O'Brien

S169 Reports on Surveillance of Antimicrobial Resistance in Individual Countries
Kheira Rahal, Fu Wang, Jiri Schindler, B. Rowe, Pentti Huovinen, Anna Marton, M. K. Lalitha, N. Semina, Göran Kronvall, and Manuel Guzman

S176 Conclusion
Jacques F. Acar, Edward L. Kaplan, and Thomas F. O'Brien

Volume 24 • Number 2 *February 1997*

i **Checklist for Submitted Manuscripts**

ii **List of Abbreviations**

Tribute

Jay P. Sanford
Harald Norlin Johnson

State-of-the-Art Clinical Article

101 Neurocysticercosis: A Major Cause of Neurological Disease Worldwide
A. Clinton White, Jr.

AIDS Commentary

116 Human Immunodeficiency Virus (HIV) RNA in Plasma as the Preferred Target for Therapy in Patients with HIV Infection: A Critique
W. Jeffrey Fessel

123 **Photo Quiz**

Clinical Articles

124 Patterns of Fluconazole Susceptibility in Isolates from Human Immunodeficiency Virus–Infected Patients with Oropharyngeal Candidiasis Due to *Candida albicans*
Fernando Laguna, Juan L. Rodríguez-Tudela, Joaquín V. Martínez-Suárez, Rosa Polo, Eulalia Valencia, Teresa M. Díaz-Guerra, Fernando Dronda, and Federico Pulido

131 Cryptococcal Meningitis in Durban, South Africa: A Comparison of Clinical Features, Laboratory Findings, and Outcome for Human Immunodeficiency Virus (HIV)-Positive and HIV-Negative Patients
M. Y. S. Moosa and Y. M. Coovadia

135 Seroprevalence of Herpes Simplex Virus Types 1 and 2 and Cytomegalovirus in Adolescents
Susan L. Rosenthal, Lawrence R. Stanberry, Frank M. Biro, Moncef Slaoui, Myriam Francotte, Marguerite Koutsoukos, Marianne Hayes, and David I. Bernstein

140 Pneumonia and Bacteremia Due to *Mycobacterium celatum* Masquerading as *Mycobacterium xenopi* in Patients with AIDS: An Underdiagnosed Problem?
Christine A. Zurawski, Gary D. Cage, David Rimland, and Henry M. Blumberg

144 Isolation of *Mycobacterium celatum* from Patients Infected with Human Immunodeficiency Virus
Claudio Piersimoni, Enrico Tortoli, Fausto de Lalla, Domenico Nista, Danilo Donato, Stefano Bornigia, and Giuseppina De Sio

148 Treatment of Penicillin-Resistant Pneumococcal Bacteremia in Neutropenic Patients with Cancer
Jordi Carratalà, Anna Marron, Alberto Fernández-Sevilla, Josefina Liñares, and Francesc Gudiol

153 Type I Diabetic Pregnancy and Subclinical Human Papillomavirus Infection
Sakari Hietanen, Ulla Ekblad, Tarja-Terttu Pelliniemi, Kari Syrjänen, Hans Helenius, and Stina Syrjänen

157 Neurocysticercosis: Focus on Intraventricular Disease
Albert C. Cuetter, Javier Garcia-Bobadilla, Luis G. Guerra, Frank M. Martinez, and Boris Kaim

165 Treatment of Cutaneous Leishmaniasis with Allopurinol and Stibogluconate
S. Martinez, M. Gonzalez, and M. E. Vernaza

170 Oral Clindamycin and Ciprofloxacin Versus Intramuscular Ceftriaxone and Oral Doxycycline in the Treatment of Mild-to-Moderate Pelvic Inflammatory Disease in Outpatients
J. L. Arredondo, V. Diaz, H. Gaitan, E. Maradiegue, E. Oyarzún, R. Paz, J. L. Reynal, W. Stamm, and D. Zambrano

179 Invasive Fungal Infections in Liver Transplant Recipients Receiving Tacrolimus as the Primary Immunosuppressive Agent
Nina Singh, Timothy Gayowksi, Marilyn M. Wagener, Howard Doyle, and Ignazio R. Marino

185 Human Lymphadenitis Due to *Corynebacterium pseudotuberculosis:* Report of Ten Cases from Australia and Review
Margaret M. Peel, Gregory G. Palmer, Ann M. Stacpoole, and Trevor G. Kerr

192 Disseminated Zygomycosis in a Neutropenic Patient: Successful Treatment with Amphotericin B Lipid Complex and Granulocyte Colony–Stimulating Factor
Corina E. Gonzalez, Daniel R. Couriel, and Thomas J. Walsh

197 Antiphospholipid Syndrome Associated with Cytomegalovirus Infection: Case Report and Review
Jaime A. Labarca, Ricardo M. Rabaggliati, Francisco J. Radrigan, Paula P. Rojas, Carlos M. Perez, Marcela V. Ferrés, Guillermo G. Acuña, and Pablo A. Bertin

201 Vaginal Colonization or Infection with *Candida albicans* in Human Immunodeficiency Virus–Infected Women During Pregnancy and During the Postpartum Period
David N. Burns, Ruth Tuomala, Bei-Hung Chang, Ronald Hershow, Howard Minkoff, Evelyn Rodriguez, Carmen Zorrilla, Hunter Hammill, and Joan Regan for the Women and Infants Transmission Study Group

211 Antimicrobial Resistance in Isolates from Inpatients and Outpatients in the United States: Increasing Importance of the Intensive Care Unit
Lennox Archibald, Lisa Phillips, Dominique Monnet, John E. McGowan, Jr., Fred Tenover, and Robert Gaynes

216 Coccidioidomycosis in Liver Transplant Patients
Curtis D. Holt, Drew J. Winston, Bernard Kubak, David K. Imagawa, Paul Martin, Leonard Goldstein, Kim Olthoff, J. Michael Millis, Abraham Shaked, Christopher R. Shackleton, and Ronald W. Busuttil

222 *Mycoplasma felis* Septic Arthritis in a Patient with Hypogammaglobulinemia
Hector F. Bonilla, Carol E. Chenoweth, Joseph G. Tully, Lynn K. Blythe, Janet A. Robertson, Vladimir M. Ognenovski, and Carol A. Kauffman

226 *Mycobacterium xenopi:* Innocent Bystander or Emerging Pathogen?
Tajuddin M. Jiva, Helen M. Jacoby, Lisa A. Weymouth, Dorothy A. Kaminski, and Amy C. Portmore

233 Editorial Response: Is *Mycobacterium xenopi* an Emerging Pathogen?
Emanuel Wolinsky

235 Development of Interpretive Breakpoints for Antifungal Susceptibility Testing: Conceptual Framework and Analysis of In Vitro—In Vivo Correlation Data for Fluconazole, Itraconazole, and Candida Infections
John H. Rex, Michael A. Pfaller, John N. Galgiani, Marilyn S. Bartlett, Ana Espinel-Ingroff, Mahmoud A. Ghannoum, Michael Lancaster, Frank C. Odds, Michael G. Rinaldi, Thomas J. Walsh, and Arthur L. Barry for the Subcommittee on Antifungal Susceptibility Testing of the National Committee for Clinical Laboratory Standards

248 Editorial Response: Making Antifungal Susceptibility Testing a Clinically Useful Tool
Alan M. Sugar

Review Article

250 Intrathoracic *Mycobacterium avium* Complex Infection in Immunocompetent Children: Case Report and Review
Jaime E. Fergie, Thomas W. Milligan, Bruce M. Henderson, and Wesley W. Stafford

Medicolegal Case Reviews

254 The Standard of Care Is Not So Standard
Gregg J. Gittler and Ellie J. C. Goldstein

Notes

258 Myeloperoxidase Deficiency Manifesting as Pustular Candidal Dermatitis
Cecile Nguyen and Harold P. Katner

261 The Number and Proportion of Vγ9Vδ2 T Cells Rise Signficantly in the Peripheral Blood of Patients After the Onset of Acute *Coxiella burnetii* Infection
Thomas Schneider, Hans-Ulrich Jahn, Oliver Liesenfeld, Dagmar Steinhoff, Ernst-Otto Riecken, Martin Zeitz, and Reiner Ullrich

265 Systemic Reactions in U.S. Marine Corps Personnel Who Received Japanese Encephalitis Vaccine
S. William Berg, Benjamin S. Mitchell, R. Kevin Hanson, Raymond P. Olafson, Richard P. Williams, John E. Tueller, Richard J. Burton, Diana M. Novak, Theodore F. Tsai, and F. Stephen Wignall

267 **Answer to Photo Quiz**

Brief Reports

268 Pulmonary Gangrene Secondary to Pneumococcal Pneumonia in a Patient with AIDS
Julio Collazos, Arantza Fernández, José Mayo, and Eduardo Martínez

269 Use of Telephone Medicine for the Care of Patients with Human Immunodeficiency Virus Infection or AIDS: Comparison of a Private Infectious Disease Practice with a University Clinic Practice
Robert E. Morrison, Jim Y. Wan, Craig S. Dorko, Susie J. Sargent, Mack A. Land, and Charlotte B. Bronze

270 A Fluconazole/Amitriptyline Drug Interaction in Three Male Adults
Deborah L. Newberry, Steven N. Bass, and Charles O. Mbanefo

271 False-Positive Results of an Enzyme Immunoassay for Rubella IgM in a Case of Measles
Suzanne M. Donovan

272 *Mycoplasma hominis* Meningitis Complicating Head Trauma: Case Report and Review
Michael Cohen and Bernard Kubak

274 Colonization by *Alcaligenes xylosoxidans* in Children with Cystic Fibrosis: A Retrospective Clinical Study Conducted by Means of Molecular Epidemiological Investigation
Didier Moissenet, Armelle Baculard, Martine Valcin, Valérie Marchand, Guy Tournier, Antoine Garbarg-Chenon, and Hoang Vu-Thien

275 Breakthrough Candidemia in Neutropenic Patients
Marcio Nucci, Arnaldo L. Colombo, Nelson Spector, Eduardo Velasco, Carlos A. Martins, and Wolmar Pulcheri

277 Endophthalmitis and Lumbar Diskitis Due to *Acremonium falciforme* in a Splenectomized Patient
Robert C. Noble, Jose Salgado, Steven W. Newell, and Norman L. Goodman

278 Successful Treatment of *Stomatococcus mucilaginosus* Meningitis with Intravenous Vancomycin and Intravenous Ceftriaxone
Matthew K. Park, Javed Khan, Frida Stock, and Daniel R. Lucey

279 Noncandidal Fungal Peritonitis in Patients with AIDS: Report of Three Cases and Review
Steven J. Spindel, Christine E. Lacke, Candice R. Pellegrino, Edward A. Graviss, and Richard J. Hamill

Correspondence

281 *Ochrobactrum anthropi* Infection of Retained Pacemaker Leads
Kenneth C. Earhart, Ker Boyce, W. Dale Bone, and Mark R. Wallace

282 Primary Human Immunodeficiency Virus Type I Infection May Vary in Time, Place, and Person
Christopher P. Hudson and Paul N. Levett

283 Reply
Dominic E. Dwyer, David J. Holland, Nitin K. Saksena, Hassan Naif, Donald R. Packham, Jean Downie, and Anthony L. Cunningham

283 Risk Factors for Acute Otitis Media
Sérgio de A. Nishioka

284 Retropharyngeal Abscess Due to *Gemella morbillorum*
Ramarao Pradeep, Muhammed Ali, and Carol F. Encarnacion

286 **Notices**

287 **Statement of Editorial Policy**

289 **Checklist of Information for Inclusion in Reports of Clinical Trials**

Instructions to Authors

Volume 24 • Supplement 2 *February 1997*

S177 Introduction
Sydney M. Finegold

S178 Tissue Penetration of Meropenem in Patients Undergoing Gynecologic Surgery
Stanley Gall, David L. Hemsell, James A. McGregor, Mark G. Martens, Donald Pitkin, and Sarah Allen

S181 Penetration of Meropenem in Plasma and Abdominal Tissues from Patients Undergoing Intraabdominal Surgery
Robert E. Condon, Alonzo P. Walker, Charles B. Hanna, Richard N. Greenberg, Audrey Broom, and Donald Pitkin

S184 Pharmacokinetics of Meropenem in Patients with Liver Disease
Per T. Thyrum, Chiao Yeh, Bruce Birmingham, and Kenneth Lasseter

S191 Comparison of Antibacterial Activities of Meropenem and Six Other Antimicrobials Against *Pseudomonas aeruginosa* Isolates from North American Studies and Clinical Trials
Joseph P. Iaconis, Donald H. Pitkin, Waheed Sheikh, and Harriette L. Nadler

S197 Results of a Randomized, Multicenter Trial of Meropenem Versus Clindamycin/Tobramycin for the Treatment of Intra-abdominal Infections
Samuel E. Wilson

S207 Use of Meropenem in the Treatment of Serious Infections in Children: Review of the Current Literature
Antonio Arrieta

S213 The Challenge of Penicillin-Resistant *Streptococcus pneumoniae* Meningitis: Current Antibiotic Therapy in the 1990s
John S. Bradley and W. Michael Scheld

S222 A Multicenter Study Comparing Intravenous Meropenem with Clindamycin Plus Gentamicin for the Treatment of Acute Gynecologic and Obstetric Pelvic Infections in Hospitalized Women
David L. Hemsell, Mark G. Martens, Sebastian Faro, Stanley Gall, and James A. McGregor

S231 Streamlining Antimicrobial Therapy for Lower Respiratory Tract Infections
Catherine M. Hitt, Charles H. Nightingale, Richard Quintiliani, and David P. Nicolau

S238 Comparative In Vitro Activity of Meropenem Versus Other Extended-Spectrum Antimicrobials Against Randomly Chosen and Selected Resistant Clinical Isolates Tested in 26 North American Centers
Donald H. Pitkin, Waheed Sheikh, and Harriette L. Nadler

S249 Pharmacokinetics of Meropenem in Animals, Healthy Volunteers, and Patients
Yong S. K. Moon, Karen C. Chung, and Mark A. Gill

S256 Empirical Treatment of Febrile Neutropenia: Evolution of Current Therapeutic Approaches
James W. Hathorn and Kirsten Lyke

S266 The Pharmacology of Meropenem, A New Carbapenem Antibiotic
William A. Craig

Volume 24 • Number 3 *March 1997*

i **Checklist for Submitted Manuscripts**

ii **List of Abbreviations**

State-of-the-Art Clinical Article

291 Fever of Unknown Origin in Adults
J. V. Hirschmann

303 **Photo Quiz**

Clinical Articles

304 Humoral Immune Responses in Patients with Acute *Schistosoma mansoni* Infection Who Were Followed Up for Two Years After Treatment
Ana L. T. Rabello, Maria Mônica A. Garcia, Rogério A. Pinto da Silva, Roberto S. Rocha, and Naftale Katz

309 Role of Colonization of the Upper Intestinal Tract in the Pathogenesis of Ventilator-Associated Pneumonia
Marc J. M. Bonten, Carlo A. Gaillard, Peter W. de Leeuw, and Ellen E. Stobberingh

320 Editorial Response: Devising Strategies for Preventing Nosocomial Pneumonia—Should We Ignore the Stomach?
Michael S. Niederman and Donald E. Craven

324 Recurrent *Clostridium difficile* Diarrhea: Characteristics of and Risk Factors for Patients Enrolled in a Prospective, Randomized, Double-Blinded Trial
Robert Fekety, Lynne V. McFarland, Christina M. Surawicz, Richard N. Greenberg, Gary W. Elmer, and Maury Ellis Mulligan

334 Herpes Simplex Virus Hepatitis: Case Report and Review
Brian Kaufman, Sandeep A. Gandhi, Eddie Louie, Roland Rizzi, and Peter Illei

339 Rapid Occurrence of Lymphoproliferative Disease After Pancreas-Kidney Transplantation Performed During Acute Primary Epstein-Barr Virus Infection
A. C. M. Kroes, J. W. van der Pijl, M. J. D. van Tol, J. H. J. M. van Krieken, K. I. Falk, J. W. Gratama, and F. J. van der Woude

344 Clinical and Bacteriologic Impact of Rifabutin Prophylaxis for *Mycobacterium avium* Complex Infection in Patients with Human Immunodeficiency Virus Infection
Caroline Maslo, Anne Buré-Rossier, Pierre-Marie Girard, Yasmine Gholizadeh, Marie-Gisèle Lebrette, and Willy Rozenbaum

350 Thrombotic Microangiopathy and Cytomegalovirus Disease in Patients Infected with Human Immunodeficiency Virus
Caroline Maslo, Marie-Noëlle Peraldi, Jean-Claude Desenclos, Béatrice Mougenot, Charlotte Cywiner-Golenzer, François-Patrick Chatelet, Christine Jacomet, Eric Rondeau, Willy Rozenbaum, and Jean-Daniel Sraer

356 A Prospective Study of the Impact of Community-Based Azithromycin Treatment of Trachoma on Carriage and Resistance of *Streptococcus pneumoniae*
Amanda J. Leach, Tania M. Shelby-James, Mark Mayo, Mike Gratten, Andrew C. Laming, Bart J. Currie, and John D. Mathews

363 A Comparison of Oral Azithromycin with Topical Oxytetracycline/Polymyxin for the Treatment of Trachoma in Children
C. R. Dawson, J. Schachter, S. Sallam, A. Sheta, R. A. Rubinstein, and H. Washton

369 Infections Due to Dematiaceous Fungi in Organ Transplant Recipients: Case Report and Review
Nina Singh, Feng Yee Chang, Timothy Gayowski, and Ignazio R. Marino

375 Hepatosplenic Candidiasis in Patients with Acute Leukemia: Incidence and Prognostic Implications
Veli-Jukka Anttila, Erkki Elonen, Stig Nordling, Aulikki Sivonen, Tapani Ruutu, and Petri Ruutu

381 Clinical Outcome and Long-Term Prognosis of Late Prosthetic Valve Endocarditis: A 20-Year Experience
Pilar Tornos, Benito Almirante, Monserrat Olona, Gaietá Permanyer, Teresa González, Juli Carballo, Albert Pahissa, and Jordi Soler-Soler

387 Nosocomial Bacteremia in Critically Ill Patients: A Multicenter Study Evaluating Epidemiology and Prognosis
Jordi Vallés, Cristobal León, and Francisco Alvarez-Lerma for the Spanish Collaborative Group for Infections in Intensive Care Units of Sociedad Española de Medicina Intensiva y Unidades Coronarias (SEMIUC)

396 Increased Risk of Toxoplasmic Encephalitis in Human Immunodeficiency Virus–Infected Patients with Pyrimethamine-Related Rash
Franck Rousseau, Sophie Pueyo, Philippe Morlat, Richard Hafner, Geneviève Chène, Catherine Leport, Benjamin J. Luft, José Miro, Jean Aubertin, Roger Salamon, Jean-Louis Vildé, and the Members of the ANRS 005-ACTG 154 Trial Group

403 Analysis of 281,797 Consecutive Blood Cultures Performed over an Eight-Year Period: Trends in Microorganisms Isolated and the Value of Anaerobic Culture of Blood
Franklin R. Cockerill III, John G. Hughes, Emily A. Vetter, Roger A. Mueller, Amy L. Weaver, Duane M. Ilstrup, Jon E. Rosenblatt, and Walter R. Wilson

419 Role of Epicardial Pacing Wire Cultures in the Diagnosis of Poststernotomy Mediastinitis
Luis C. Maroto, José M. Aguado, Yolanda Carrascal, Ana Pérez, Enrique Pérez-de-la-Sota, José M. Cortina, Rafael Delgado, Enrique Rodriguez, Luis Molina, and Juan J. Rufilanchas

422 Atovaquone for Salvage Treatment and Suppression of Toxoplasmic Encephalitis in Patients with AIDS
Ramón A. Torres, Winkler Weinberg, John Stansell, Gifford Leoung, Joseph Kovacs, Michael Rogers, Janna Scott, and the Atovaquone/Toxoplasmic Encephalitis Study Group

430 Increased Gastrointestinal Permeability in Patients with *Plasmodium falciparum* Malaria
Polrat Wilairatana, Jon B. Meddings, May Ho, Suparb Vannaphan, and Sornchi Looareesuwan

436 Central Nervous System Involvement in Patients with Scrub Typhus
Hyunjoo Pai, Sohee Sohn, Yeonsun Seong, Sunho Kee, Woo Hyun Chang, and Kang Won Choe

441 Emergence of Antibody to Capsular Polysaccharides of *Streptococcus pneumoniae* During Outbreaks of Pneumonia: Association with Nasopharyngeal Colonization
Daniel M. Musher, Jean E. Groover, Mary R. Reichler, Francis X. Riedo, Benjamin Schwartz, David A. Watson, Robert E. Baughn, and Robert F. Breiman

447 **Answer to Photo Quiz**

Notes

449 Polymicrobial Brain Abscess in a Patient Infected with Human Immunodeficiency Virus
Richard J. Maniglia, Toni Roth, and Emily A. Blumberg

452 Osteonecrosis Following Meningococcemia and Disseminated Intravascular Coagulation in an Adult: Case Report and Review
Wayne N. Campbell, Manjari Joshi, and Daniel Sileo

Value of the Infectious Diseases Specialist

456 Introduction
Richard P. Wenzel

457 Oral Administration of Antibiotics: A Rational Alternative to the Parenteral Route
Rob Roy MacGregor and Amy L. Graziani

468 Infectious Diseases Consultation: Impact on Outcomes for Hospitalized Patients and Results of a Preliminary Study
David C. Classen, John P. Burke, and Richard P. Wenzel

471 Programmatic Role of the Infectious Diseases Physician in Controlling Antimicrobial Costs in the Hospital
Joseph F. John, Jr., and Neil O. Fishman

Update on Cephalosporin Resistance and the Role of Sulbactam/Cefoperazone

486 Introduction
John D. Williams

487 The Evolution of Resistance to Cephalosporins
Faridah Moosdeen

494 β-Lactamase Inhibition and In Vitro Activity of Sulbactam and Sulbactam/Cefoperazone
John D. Williams

498 Sulbactam/Cefoperazone Versus Cefotaxime for the Treatment of Moderate-to-Severe Bacterial Infections: Results of a Randomized, Controlled Clinical Trial
Li Jia-tai, Lu Yuan, Hou Jie, Chen Yi-fang, Miao Jing-zhi, Jia Yu-xia, Hou Jun, Zhang Xiu-zhi, Chen Dong-ke, Hu Wen-zhi, Li Li-jin, Liu De-meng, Wang Zhe, Wu Jin, Gu Jun-ming, Wang Hui-ling, Zhang Yi-ling, and Sun Ling

International Report

506 Epidemiology of an Unusually Prolonged Outbreak of Typhoid Fever in Terrassa, Spain
M. Xercavins, T. Llovet, F. Navarro, M. A. Morera, J. Moré, F. Bella, N. Freixas, M. Simó, A. Echeita, P. Coll, J. Garau, and G. Prats

Brief Reports

511 *Erysipelothrix rhusiopathiae* Septicemia in a Neonate
N. Jones and M. Khoosal

512 Extragenital *Mycoplasma hominis* Infection in Two Liver Transplant Recipients
U. Vogel, E. Lüneberg, E.-R. Kuse, A. L. Neulinger, and M. Frosch

513 Exogenous Reinfection with Multidrug-Resistant *Mycobacterium tuberculosis*
G. S. Turett, B. A. Fazal, J. E. Justman, D. Alland, R. M. Duncalf, and E. E. Telzak

514 Recurrent Vancomycin-Resistant *Enterococcus faecium* Bacteremia in a Leukemia Patient Who Was Persistently Colonized with Vancomycin-Resistant Enterococci for Two Years
Mary-Claire Roghmann, Sadaf Qaiyumi, Judith A. Johnson, Richard Schwalbe, and J. Glenn Morris, Jr.

515 Optic Neuritis: A Rare Complication of Primary Varicella Infection
Cheng-Chuan Lee, Narayanaswamy Venketasubramanian, and Mun-San Lam

516 Streptococcal Venereal Edema of the Penis
Jack Mendelson and Mark Miller

517 Systemic Paradoxical Response to Antituberculous Drugs: Resolution with Corticosteroid Therapy
Jesús Rodríguez-Baño, Miguel A. Muniain, Javier Aznar, Ramón Pérez-Cano, and Jose L. Corral

519 Extreme Hyperferritinemia in Patients Infected with Human Immunodeficiency Virus Is Not a Highly Specific Marker for Disseminated Histoplasmosis
Stacey W. McKenzie and Robert T. Means, Jr.

520 Diagnosis of Cytomegalovirus Meningoencephalitis by Polymerase Chain Reaction in an Immunocompetent Infant Who Recovered After Treatment with Ganciclovir
Ludo M. Mahieu, Margareta Ieven, Koen J. Van Hoeck, Paul M. Parizel, and Karel J. Van Acker

521 Mental Neuropathy in Patients with AIDS-Associated Malignant Lymphoma
Vikram Chand, Christopher Sweeney, and William A. Agger

522 The Continued Occurrence of Primary *Pneumocystis carinii* Pneumonia Despite the Availability of Prophylaxis
Marina B. Klein and Richard G. Lalonde

523 Fatal Hepatic Necrosis in a Neonate with Echovirus 20 Infection: Use of the Polymerase Chain Reaction to Detect Enterovirus in Liver Tissue
Martine Chambon, Catherine Delage, Jean-Luc Bailly, Jacqueline Gaulme, Pierre Dechelotte, Cécile Henquell, Christine Jallat, and Hélène Peigue-Lafeuille

525 Metastatic Choroidal Abscess Due to *Pseudomonas aeruginosa* in Patients with Cystic Fibrosis
Karen Detering, Adam Jenney, Anthony Hall, Andrew Fuller, Robert Pickles, and Greg Snell

526 Idiopathic $CD4^+$ T Lymphocytopenia Presenting as Progressive Multifocal Leukoencephalopathy: Case Report
Pius U. Chikezie and Alan Lin Greenberg

527 Community-Acquired *Hafnia alvei* Infection
Barkat A. Fazal, Jessica E. Justman, Glenn S. Turett, and Edward E. Telzak

529 Uveitis Following Administration of the Protease Inhibitor Indinavir to a Patient with AIDS
Ray F. Gariano and Elizabeth L. Cooney

Correspondence

530 Vancomycin Resistance and Mortality Associated with Enterococcal Bacteremia
Ebbing Lautenbach and Patrick J. Brennan

530 Reply
Peter K. Linden, Anthony W. Pasculle, Rafael Manez, David J. Kramer, John J. Fung, Anthony D. Pinna, and Shimon Kusne

531 Risk for Acquiring Human Granulocytic Ehrlichiosis: Exposure to Deer Blood or Deer Ticks?
Sam R. Telford III

532 Reply
Johan S. Bakken and J. Stephen Dumler

533 Rhabdomyolysis and Acute Renal Failure Associated with Meningitis and Sepsis Due to *Haemophilus influenzae*: Case Report
Paolo Benedetti, Roberto Nicolin, Giampietro Pellizzer, Mariuccia Scagnelli, and Fausto de Lalla

534 Microsporidiosis in Patients Who Are Not Infected with Human Immunodeficiency Virus
Ralph T. Bryan, Rainer Weber, and David A. Schwartz

535 Reply
Meja Rabodonirina

535 Inaccuracies in a Book Review
David Schlossberg and Jonas A. Shulman

535 Reply
Ed Septimus

Book Reviews

537 Identification of Unusual Pathogenic Gram-Negative Aerobic and Facultatively Anaerobic Bacteria
Written by Robbin S. Weyant, C. Wayne Moss, Robert E. Weaver, Dannie G. Hollis, Jean G. Jordan, Ellen C. Cook, and Maryam I. Daneshvar
Reviewed by Ellen Jo Baron and Senta Antonson

538 A Practical Approach to Infectious Diseases
Written by Richard E. Reese and Robert F. Betts
Reviewed by August J. Valenti

539 **IDSA Clinician Award**

541 **Notices**

541 **Erratum**

542 **Statement of Editorial Policy**

544 **Checklist of Information for Inclusion in Reports of Clinical Trials**

Volume 24 • Number 4 *April 1997*

i **Checklist for Submitted Manuscripts**

ii **List of Abbreviations**

State-of-the-Art Clinical Article

545 Resistance to Glycopeptides in Enterococci
Roland Leclercq and Patrice Courvalin

557 **Photo Quiz**

Clinical Articles

558 Wound Infections Following Spinal Fusion with Posterior Segmental Spinal Instrumentation
Jean W. Perry, John Z. Montgomerie, Susan Swank, Donna S. Gilmore, and Kim Maeder

562 Bacillary Angiomatosis Associated with Myositis in a Patient Infected with Human Immunodeficiency Virus
Margot J. Whitfeld, Sassan Kaveh, Jane E. Koehler, Paul Mead, and Timothy G. Berger

565 Human Immunodeficiency Virus Infection Is a Major Risk Factor for Detection of Human Papillomavirus DNA in Esophageal Brushings
Anne-Marie Trottier, François Coutlée, Raymond Leduc, Georges Ghattas, Emil Toma, Guy Allaire, Louis Gaboury, and Parviz Ghadirian

570 Dosing of Amoxicillin/Clavulanate Given Every 12 Hours Is as Effective as Dosing Every 8 Hours for Treatment of Lower Respiratory Tract Infection
Alistair D. Calver, Niall S. Walsh, Patrick F. Quinn, Constantin Baran, Val Lonergan, Krishan P. Singh, Wendy S. Orzolek, and the Lower Respiratory Tract Infection Collaborative Study Group

575 Risk Factors and Attributable Mortality Associated with Superinfections in Neutropenic Patients with Cancer
Marcio Nucci, Nelson Spector, Ana Paula Bueno, Cristiana Solza, Tatiana Perecmanis, Paulo Cesar Bacha, and Wolmar Pulcheri

580 Primary Cutaneous Zygomycosis Due to *Saksenaea vasiformis* and *Apophysomyces elegans*
A. Chakrabarti, P. Kumar, A. A. Padhye, L. Chatha, S. K. Singh, A. Das, J. D. Wig, and R. N. Kataria

584 The Clinical Significance of Positive Blood Cultures in the 1990s: A Prospective Comprehensive Evaluation of the Microbiology, Epidemiology, and Outcome of Bacteremia and Fungemia in Adults
Melvin P. Weinstein, Michael L. Towns, Seth M. Quartey, Stanley Mirrett, Larry G. Reimer, Giovanni Parmigiani, and L. Barth Reller

603 Varicella-Zoster Virus Is Strongly Associated with Atypical Necrotizing Herpetic Retinopathies
J. Garweg and M. Böhnke

609 Current Practices of Preoperative Bowel Preparation Among North American Colorectal Surgeons
Ronald Lee Nichols, Jeffrey W. Smith, Rena Y. Garcia, Ruth S. Waterman, and James W. C. Holmes

620 Cytomegalovirus Retinitis: Decreased Risk of Bilaterality with Increased Use of Systemic Treatment
Nicole Stalder, Philippe Sudre, Maya Olmari, Milos Opravil, Victor Gabriel, Alessandra Sansonetti, Jan von Overbeck, Carl P. Herbort, Bernard Hirschel, and the Swiss HIV Cohort Study Group

625 Toxoplasmosis in Kidney Transplant Recipients: Report of Six Cases and Review
Edith Renoult, Etienne Georges, Marie-France Biava, Cyrille Hulin, Luc Frimat, Dominique Hestin, and Michèle Kessler

635 Amphotericin B Colloidal Dispersion vs. Amphotericin B as Therapy for Invasive Aspergillosis
Mary H. White, Elias J. Anaissie, Shimon Kusne, John R. Wingard, John W. Hiemenz, Alan Cantor, Marc Gurwith, Charles Du Mond, Richard D. Mamelok, and Raleigh A. Bowden

643 Antibiotic Therapy for Diabetic Foot Infections: Comparison of Two Parenteral-to-Oral Regimens
Benjamin A. Lipsky, Paul D. Baker, Glenn C. Landon, and Ronald Fernau

649 Treatment of *Torulopsis glabrata* Vaginitis: Retrospective Review of Boric Acid Therapy
Jack D. Sobel and Walter Chaim

653 Association of Antibodies to *Chlamydia trachomatis* Heat-Shock Protein 60 kD with Chronic Nongonococcal Urethritis
Patrick J. Horner, Dionne Cain, Myra McClure, Brenda J. Thomas, Claire Gilroy, Munaf Ali, Jonathan N. Weber, and David Taylor-Robinson

661 A Prospective Study of Tuberculosis and Human Immunodeficiency Virus Infection: Clinical Manifestations and Factors Associated with Survival
Peter L. Alpert, Sonal S. Munsiff, Marc N. Gourevitch, Barbara Greenberg, and Robert S. Klein

669 Infective Endocarditis: 35 Years of Experience at a Children's Hospital
Judith M. Martin, William H. Neches, and Ellen R. Wald

676 Toxoplasmic Myocarditis and Polymyositis in Patients with Acute Acquired Toxoplasmosis Diagnosed During Life
Jose G. Montoya, Richard Jordan, Santhi Lingamneni, Gerald J. Berry, and Jack S. Remington

Review Article

684 Human Leishmaniasis: Clinical, Diagnostic, and Chemotherapeutic Developments in the Last 10 Years
J. D. Berman

Notes

704 Skin Colonization with Vancomycin-Resistant Enterococci Among Hospitalized Patients with Bacteremia
David W. Beezhold, Sarah Slaughter, Mary K. Hayden, Marian Matushek, Catherine Nathan, Gordon M. Trenholme, and Robert A. Weinstein

707 Acalculous Nontyphoidal Salmonellal Cholecystitis Requiring Surgical Intervention Despite Ciprofloxacin Therapy: Report of Three Cases
Brendan McCarron and W. Campbell Love

710 *Streptococcus suis* Infection Complicated by Purpura Fulminans and Rhabdomyolysis: Case Report and Review
P. A. Tambyah, G. Kumarasinghe, H. L. Chan, and K. O. Lee

713 Endophthalmitis Due to *Microbacterium* Species: Case Report and Review of Microbacterium Infections
Guido Funke, Gerhard Haase, Norbert Schnitzler, Norbert Schrage, and Ralf René Reinert

717 **Answer to Photo Quiz**

International Reports

718 Treatment of Bolivian Hemorrhagic Fever with Intravenous Ribavirin
Paul E. Kilgore, Thomas G. Ksiazek, Pierre E. Rollin, James N. Mills, Mario R. Villagra, Mario J. Montenegro, Maria A. Costales, Luis C. Paredes, and C. J. Peters

723 Chronic Invasive Aspergillosis in Apparently Immunocompetent Hosts
M. Karim, M. Alam, A. A. Shah, R. Ahmed, and H. Sheikh

Brief Reports

734 Paradoxical Subcutaneous Tuberculous Abscess
Luis M. Valdez, Pascale Schwab, Pablo C. Okhuysen, and Robert M. Rakita

735 Intrabronchial Pseudallescheriasis in an Immunocompetent Woman
Shuichi Yano, Shinji Shishido, Takeaki Toritani, Katsuhiko Yoshida, and Hiroko Nakano

736 Use of the Polymerase Chain Reaction for Demonstration of Influenza Virus Dissemination in Children
Isamu Mori, Hiroshi Nagafuji, Kazuo Matsumoto, and Yoshinobu Kimura

738 Outbreak of Tetanus Among Elderly Women Treated with Sheep Cell Therapy
Diego F. Wyszynski and Mariana Kechichian

739 Septicemia Caused by *Neisseria weaveri*
Petteri Carlson, Sirkka Kontiainen, Pekka Anttila, and Erkki Eerola

740 Ocular Infection Caused by Three Unusual Marine Organisms
Adeel A. Butt, Julio Figueroa, and David H. Martin

741 Recrudescence of Initial Cutaneous Lesions After Crusting of Chickenpox in an Adult with Advanced AIDS Suggests Prolonged Local Viral Persistence
Joseph Baran, Jr. and Riad Khatib

Correspondence

743 Chemotherapy for Tuberculous Meningitis in Adults
Abhay R. Satoskar

743 Reply
Renaud Verdon

743 Intraluminal Antibiotic Treatment of Central Venous Catheter Infections in Patients Receiving Parenteral Nutrition at Home
Jean-Luc Benoit, Godofredo Carandang, Michael Sitrin, and Paul Arnow

744 Clinical and Environmental Factors Associated with Cryptococcosis in Liver Transplant Recipients
Nina Singh

745 Geography Correction
Myron G. Schultz

745 Ocular Toxoplasmosis as the Presenting Manifestation of Human Immunodeficiency Virus Infection
Claire Pomeroy, Robert Noble, Malkanthie McCormick, and Byron Young

Book Review

747 Vaccinia, Vaccination, Vaccinology: Jenner, Pasteur and Their Successors
Written by Stanley Plotkin and Bernardino Fantini
Reviewed by John Hay

Video Review

747 The Coming Plague
Reviewed by Neil M. Ampel

749 **Notices**

750 **Statement of Editorial Policy**

752 **Checklist of Information for Inclusion in Reports of Clinical Trials**

Volume 24 • Number 5 *May 1997*

i **Checklist for Submitted Manuscripts**

ii **List of Abbreviations**

State-of-the-Art Clinical Article

753 Varicella-Zoster Virus Vaccine
C. Jo White

AIDS Commentary

764 An Approach to the Validation of Markers for Use in AIDS Clinical Trials
Donna Mildvan, Alan Landay, Victor De Gruttola, Stella G. Machado, and Jonathan Kagan

Diagnostic Microbiology Updates

775 Introduction
L. Barth Reller and Melvin P. Weinstein

776 Antifungal Susceptibility Testing: Technical Advances and Potential Clinical Applications
M. A. Pfaller, J. H. Rex, and M. G. Rinaldi

785 **Photo Quiz**

Clinical Articles

786 A Meta-Analysis of Extended-Interval Dosing Versus Multiple Daily Dosing of Aminoglycosides
Thomas C. Bailey, J. Russell Little, Benjamin Littenberg, Richard M. Reichley, and W. Claiborne Dunagan

796 A Meta-Analysis of the Relative Efficacy and Toxicity of Single Daily Dosing Versus Multiple Daily Dosing of Aminoglycosides
Mirza Zaki Ali and Matthew Bidwell Goetz

810 Single Daily Dosing of Aminoglycosides in Immunocompromised Adults: A Systematic Review
Rose Hatala, Tuan T. Dinh, and Deborah J. Cook

816 Editorial Response: Meta-Analyses Are No Longer Required for Determining the Efficacy of Single Daily Dosing of Aminoglycosides
David N. Gilbert

820 Editorial Response: Single Daily Dosing of Aminoglycosides—A Concept Whose Time Has Not Yet Come
Joseph S. Bertino, Jr., and John C. Rotschafer

824 Surveillance Cultures of Blood, Urine, and Throat Specimens Are Not Valuable for Predicting Cytomegalovirus Disease in Liver Transplant Recipients
Matthew E. Falagas, David R. Snydman, Robin Ruthazer, Barbara G. Werner, John Griffith, and the Boston Center for Liver Transplantation CMVIG Study Group

830 Cytomegalovirus Disease Occurring Before Engraftment in Marrow Transplant Recipients
Ajit P. Limaye, Raleigh A. Bowden, David Myerson, and Michael Boeckh

836 Cytomegalovirus (CMV) Viremia and the $CD4^+$ Lymphocyte Count as Predictors of CMV Disease in Patients Infected with Human Immunodeficiency Virus
L. Gérard, C. Leport, P. Flandre, N. Houhou, D. Salmon-Céron, J. M. Pépin, C. Mandet, F. Brun-Vézinet, and J. L. Vildé

841 Editorial Response: Laboratory Monitoring of Cytomegalovirus Disease—Is Polymerase Chain Reaction the Answer?
Steven H. Fischer and Henry Masur

843 Immunization of Healthy Adult Subjects in the United States with Inactivated *Mycobacterium vaccae* Administered in a Three-Dose Series
C. F. von Reyn, R. D. Arbeit, G. Yeaman, R. D. Waddell, B. J. Marsh, Paul Morin, John F. Modlin, and Heinz G. Remold

849 Early Detection of Sequela-Prone Osteomyelitis in Children with Use of Simple Clinical and Laboratory Criteria
Irmeli Roine, Adriano Arguedas, Idis Faingezicht, and Francisco Rodriguez

854 A Five-Year Retrospective Review of Adverse Drug Reactions and Their Risk Factors in Human Immunodeficiency Virus–Infected Patients Who Were Receiving Intravenous Pentamidine Therapy for *Pneumocystis carinii* Pneumonia
John G. O'Brien, Betty J. Dong, Rebecca L. Coleman, Lauren Gee, and Kirsten B. Balano

860 *Kingella kingae*: An Emerging Cause of Invasive Infections in Young Children
Pablo Yagupsky and Ron Dagan

867 *Flavimonas oryzihabitans* Bacteremia: Clinical Features and Microbiological Characteristics of Isolates
Rong-Dih Lin, Po-Ren Hsueh, Jen-Chyi Chang, Lee-Jene Teng, Shan-Chwen Chang, Shen-Wu Ho, Wei-Chuan Hsieh, and Kwen-Tay Luh

874 Clindamycin Resistance in the *Bacteroides fragilis* Group: Association with Hospital-Acquired Infections
David Dalmau, Maryse Cayouette, François Lamothe, Jean Vincelette, Nathalie Lachance, Anne-Marie Bourgault, Christiane Gaudreau, and Pierre L. Turgeon

878 Rapid Detection of Cytomegalovirus in Bronchoalveolar Lavage Fluid and Serum Samples by Polymerase Chain Reaction: Correlation of Virus Isolation and Clinical Outcome for Patients with Human Immunodeficiency Virus Infection
Karen Kaae Hansen, Jørgen Vestbo, Thomas Benfield, Jens D. Lundgren, and Lars R. Mathiesen

884 Microbiological Cultures of Heart Valves and Valve Tags Are Not Valuable for Patients Without Infective Endocarditis Who Are Undergoing Valve Replacement
M. Giladi, O. Szold, A. Elami, D. Bruckner, and B. L. Johnson, Jr.

889 Isolation of Various Genotypes of *Clostridium difficile* from Patients and the Environment in an Oncology Ward
Stuart H. Cohen, Yajarayma J. Tang, Jared Muenzer, Paul H. Gumerlock, and Joseph Silva, Jr.

894 Detection of Resistance to Isoniazid, Rifampin, and Streptomycin in Clinical Isolates of *Mycobacterium tuberculosis* by Molecular Methods
Irving Nachamkin, Cynthia Kang, and Melvin P. Weinstein

901 A Risk-Adapted Approach with a Short Course of Ganciclovir to Prevent Cytomegalovirus (CMV) Pneumonia in CMV-Seropositive Recipients of Allogeneic Bone Marrow Transplants
Leo F. Verdonck, Adriaan W. Dekker, Maja Rozenberg-Arska, and M. Riet van den Hoek

908 Etiology of Solitary Pulmonary Nodules in Patients with Human Immunodeficiency Virus Infection
Francisco J. Martínez-Marcos, Pompeyo Viciana, Elías Cañas, José Martín-Juan, Ignacio Moreno, and Jerónimo Pachón

914 *Staphylococcus aureus* Prosthetic Joint Infection Treated with Debridement and Prosthesis Retention
Claudia M. Brandt, William W. Sistrunk, Mary C. Duffy, Arlen D. Hanssen, James M. Steckelberg, Duane M. Ilstrup, and Douglas R. Osmon

920 Prevalence of and Risk Factors for *Clostridium difficile* Colonization at Admission to an Infectious Diseases Ward
Yvan Hutin, Isabelle Casin, Philippe Lesprit, Yves Welker, Jean-Marie Decazes, Philippe Lagrange, Jacques Modaï, and Jean-Michel Molina

925 Measles, Mumps, Rubella, and Varicella Combination Vaccine: Safety and Immunogenicity Alone and in Combination with Other Vaccines Given to Children
C. Jo White, Diane Stinson, Brenda Staehle, Iksung Cho, Holly Matthews, Angela Ngai, Paul Keller, Joseph Eiden, Barbara Kuter, and the MMRV Vaccine Study Group

932 Treatment of Multidrug-Resistant *Acinetobacter baumannii* Meningitis with Ampicillin/Sulbactam
M. E. Jiménez-Mejías, J. Pachón, B. Becerril, J. Palomino-Nicás, A. Rodríguez-Cobacho, and M. Revuelta

936 Rapid Disease Progression in Human Immunodeficiency Virus Type 1–Infected Individuals with Adverse Reactions to Trimethoprim-Sulfamethoxazole Prophylaxis
Jan Veenstra, Paul J. Veugelers, Ireneus P. M. Keet, Andre J. A. M. van der Ven, Frank Miedema, Joep M. A. Lange, and Roel A. Coutinho

942 Markedly Elevated Serum Lactate Dehydrogenase Levels Are a Clue to the Diagnosis of Disseminated Histoplasmosis in Patients with AIDS
Gavin R. Corcoran, Hail Al-Abdely, Christopher D. Flanders, Jone Geimer, and Thomas F. Patterson

945 Prospective Analysis of Genital Ulcer Disease in Brooklyn, New York
Stephen M. Dillon, Marinella Cummings, Shobita Rajagopalan, and William C. McCormack

951 Temporal Association Between Serum Gelsolin Levels and Clinical Events in a Patient with Severe Falciparum Malaria
Sherry Huang, Sandra L. Rhoads, and Mark J. DiNubile

955 Failure to Cure *Mycobacterium gordonae* Peritonitis Associated with Continuous Ambulatory Peritoneal Dialysis
Clayton Harro, Gregory L. Braden, Anne B. Morris, George S. Lipkowitz, and Robert L. Madden

958 Relationship of Adverse Events to Serum Drug Levels in Patients Receiving High-Dose Azithromycin for Mycobacterial Lung Disease
Barbara A. Brown, David E. Griffith, William Girard, Jeffrey Levin, and Richard J. Wallace, Jr.

965 Acute Human Immunodeficiency Virus Type 1 Disease as a Mononucleosis-Like Illness: Is the Diagnosis Too Restrictive?
Philippe Vanhems, Robert Allard, David A. Cooper, Luc Perrin, Jeanette Vizzard, Bernard Hirschel, Sabine Kinloch-de Loës, Andrew Carr, and Jean Lambert

971 The Clinical Course of Human Immunodeficiency Virus Infection in Genetically Identical Children
Frank T. Saulsbury

975 Editorial Response: Progression of Human Immunodeficiency Virus Infection in Children Is Related to the Interaction of the Virus, the Immune System, and Then Some
Philip A. Pizzo

977 Epidemiology and Treatment of *Cyclospora cayetanensis* Infection in Peruvian Children
Guillermo Madico, Jeffrey McDonald, Robert H. Gilman, Lilia Cabrera, and Charles R. Sterling

Notes

982 Fatal Disseminated *Mycobacterium smegmatis* Infection in a Child with Inherited Interferon γ Receptor Deficiency
Catherine Pierre-Audigier, Emmanuelle Jouanguy, Salma Lamhamedi, Frédéric Altare, Jean Rauzier, Véronique Vincent, Danielle Canioni, Jean-François Emile, Alain Fischer, Stéphane Blanche, Jean-Louis Gaillard, and Jean-Laurent Casanova

985 Polymerase Chain Reaction Analysis of Distal Vaginal Specimens: A Less Invasive Strategy for Detection of *Trichomonas vaginalis*
R. Phillips Heine, Harold C. Wiesenfeld, Richard L. Sweet, and Steven S. Witkin

988 CD4 Cell Counts in Human Immunodeficiency Virus–Negative Patients with Tuberculosis
Brenda E. Jones, Maung M. Oo, Edna K. Taikwel, Dajun Qian, Anshu Kumar, Elizabeth R. Maslow, and Peter F. Barnes

992 Early Therapy with Interferon for Acute Hepatitis C Acquired Through a Needlestick
Seiji Noguchi, Michio Sata, Hiroshi Suzuki, Kenichi Ohba, Masashi Mizokami, and Kyuichi Tanikawa

995 Osteomyelitis Due to *Mycobacterium haemophilum* in a Cardiac Transplant Patient: Case Report and Analysis of Interactions Among Clarithromycin, Rifampin, and Cyclosporine
Robert M. Plemmons, C. Kenneth McAllister, Maria C. Garces, and Robert L. Ward

998 Characteristics of Typhoid Fever in Children and Adolescents in a Major Metropolitan Area in the United States
Sonya Misra, Pamela S. Diaz, and Anne H. Rowley

1001 Infectious Complications of Hepatic Cryosurgery
Deborah K. Riley, Timothy J. Babinchak, Reuben Zemel, M. Lance Weaver, and Edward B. Rotheram

1004 Use of Random Amplification of Polymorphic DNA in a Case of *Pasteurella multocida* Meningitis That Occurred Following a Cat Scratch on the Head
P. M. H. Schuur, A. J. P. Haring, A. van Belkum, J. M. Th. Draaisma, and A. G. M. Buiting

1007 **Answer to Photo Quiz**

Brief Reports

1008 *Methylobacterium mesophilicum* Synovitis in an Alcoholic
Jien-Wei Liu, Jiunn-Jong Wu, Hung-Mo Chen, Ay-Huey Huang, Wen-Chien Ko, and Yin-Ching Chuang

1009 Salmonella Parotitis with Abscess Formation in a Patient with Human Immunodeficiency Virus Infection
Treyce S. Knee and Christopher A. Ohl

1010 Role of Aerobic and Anaerobic Bacteria in Pacemaker Infections
Itzhak Brook and Edith H. Frazier

1012 *Brucella melitensis* Osteitis Following Craniotomy in a Patient with AIDS
C. Galle, M. Struelens, C. Liesnard, J. Godfroid, N. Maes, O. Dewitte, C. M. Farber, Ph. Clevenbergh, and J. P. Van Vooren

1013 Prosthetic Valve Endocarditis Due to *Veillonella dispar*: Successful Medical Treatment Following Penicillin Desensitization
Stan Houston, Dylan Taylor, and Robert Rennie

1014 Pacemaker Infection Caused by *Staphylococcus schleiferi*, a Member of the Human Preaxillary Flora: Four Case Reports
Marie Célard, François Vandenesch, Hélène Darbas, Jacqueline Grando, Hélène Jean-Pierre, Gilbert Kirkorian, and Jerome Etienne

1015 Sterile Caseous Mitral Valve "Abscess" Mimicking Infective Endocarditis
Holly M. Gilbert, Richard Grodman, Marilda H. Chung, Gregg Hartman, Karl H. Krieger, and Barry J. Hartman

1016 Spontaneous Pyomyositis Due to *Staphylococcus epidermidis*
Scott W. Yates, Michael S. Gelfand, and Charles R. Handorf

1018 Tuberculosis of the Rib
Deborah S. Asnis and Anna Niegowska

1019 *Campylobacter fetus*–Associated Aneurysms: Report of a Case Involving the Popliteal Artery and Review of the Literature
Abelardo Montero, Xavier Corbella, Joan A. López, Miguel Santín, and Iber-Hugo Ballón

1021 Isolated Septic Arthritis Due to *Streptococcus bovis*
Russell J. Grant, William Y. Shang, and Terence R. Whitehead

1022 Symptomatic Primary Infection with Human Herpesvirus 6 Varient A
Yasufumi Hidaka, Koichi Kusuhara, Akira Takabayashi, Kenji Okada, Chiaki Miyazaki, Tomonobu Aoki, and Kohji Ueda

1023 Resolution of Intractable Molluscum Contagiosum in a Human Immunodeficiency Virus–Infected Patient After Institution of Antiretroviral Therapy with Ritonavir
Charles B. Hicks, Sarah A. Myers, and Julieta Giner

Correspondence

1026 Tuberculosis and Human T-Cell Lymphotropic Virus Type 1 Infection
R. A. Seaton

1026 *Penicillium marneffei* Infection Associated with AIDS
J. Dupouy-Camet and T. Ancelle

1027 Human Immunodeficiency Virus as an Infectious Cause of Pharyngitis
Richard Gleckman

1027 Reply
Karen Carroll and Larry Reimer

1027 Leukopenia, Thrombocytopenia, and Lyme Borreliosis: Is There an Association?
Robert B. Nadelman, Franc Strle, Harold W. Horowitz, William A. Agger, and Gary P. Wormser

1028 Reply
O. Péter, J. Gubler, and H. F. Günthard

1030 **Notices**

1031 **Statement of Editorial Policy**

1033 **Checklist of Information for Inclusion in Reports of Clinical Trials**

Instructions to Authors

Volume 24 • Number 6 *June 1997*

State-of-the-Art Clinical Article

1035 Peritonitis: Update on Pathophysiology, Clinical Manifestations, and Management
Caroline C. Johnson, James Baldessarre, and Matthew E. Levison

Clinical Articles

1048 Chronic Parvovirus B19 Infection Resulting in Chronic Fatigue Syndrome: Case History and Review
S. Kim Jacobson, Jennifer S. Daly, Grace M. Thorne, and Kenneth McIntosh

1052 Multivariate Analysis of Risk Factors for Infection Due to Penicillin-Resistant and Multidrug-Resistant *Streptococcus pneumoniae*: A Multicenter Study
Antonio Jesús Clavo-Sánchez, José Antonio Girón-González, Dolores López-Prieto, Jesús Canueto-Quintero, Antonio Sánchez-Porto, Antonio Vergara-Campos, Pilar Marín-Casanova, and Juan Antonio Córdoba-Doña

1060 Impact of Tuberculosis Control Measures and Crowding on the Incidence of Tuberculous Infection in Maryland Prisons
C. Raina MacIntyre, Newton Kendig, Leslie Kummer, Susan Birago, and Neil M. H. Graham

1068 Microbiological Factors Influencing the Outcome of Nosocomial Bloodstream Infections: A 6-Year Validated, Population-Based Model
Didier Pittet, Ning Li, Robert F. Woolson, and Richard P. Wenzel

1079 **Photo Quiz**

1080 Case-Control Study of Risk Factors for *Penicillium marneffei* Infection in Human Immunodeficiency Virus–Infected Patients in Northern Thailand
Suwat Chariyalertsak, Thira Sirisanthana, Khuanchai Supparatpinyo, Jutharat Praparattanapan, and Kenrad E. Nelson

1087 Haemophilus Endocarditis: Report of 42 Cases in Adults and Review
Clémence Darras-Joly, Olivier Lortholary, Jean-Luc Mainardi, Jérome Etienne, Loïc Guillevin, Jacques Acar, and the Haemophilus Endocarditis Study Group

1095 Influenza Among Hospitalized Adults with Leukemia
Hasan M. Yousuf, Janet Englund, Robert Couch, Kenneth Rolston, Mario Luna, James Goodrich, Victor Lewis, Nadeem Q. Mirza, Michael Andreeff, Charles Koller, Linda Elting, Gerald P. Bodey, and Estella Whimbey

1100 Use of Polymerase Chain Reaction Assays of Aqueous Humor in the Differential Diagnosis of Retinitis in Patients Infected with Human Immunodeficiency Virus
Anna Danise, Paola Cinque, Sandro Vergani, Melchiorre Candino, Sara Racca, Anna De Bona, Roberto Novati, Antonella Castagna, and Adriano Lazzarin

1107 Prevalence of *Campylobacter*-Associated Diarrhea Among Patients Infected with Human Immunodeficiency Virus
Fransje Snijders, E. J. Kuijper, B. de Wever, L. van der Hoek, S. A. Danner, and J. Dankert

1114 Editorial Response: Diversity of *Campylobacter* Species and Its Impact on Patients Infected with Human Immunodeficiency Virus
Thomas C. Quinn

1118 Familial Transmission of a Serious Disease–Producing Group A Streptococcus Clone: Case Reports and Review
M.-A. Gamba, M. Martinelli, H. J. Schaad, R. A. Streuli, J. DiPersio, L. Matter, H.-B. Ris, F. Marchal, E. L. Kaplan, D. L. Stevens, and R. Malinverni

1122 The Epidemiology of Hematogenous Candidiasis Caused by Different *Candida* Species
Dima Abi-Said, Elias Anaissie, Omrum Uzun, Issam Raad, Helio Pinzcowski, and Shahe Vartivarian

1129 Editorial Response: The Contribution of Fluconazole to the Changing Epidemiology of Invasive Candidal Infections
Mary H. White

1131 Comparison of Treatment with Imipenem vs. Ceftazidime as a Predisposing Factor for Nosocomial Acquisition of *Stenotrophomonas maltophilia*: A Historical Cohort Study
Yehuda Carmeli and Matthew H. Samore

1135 Cirrhotic Fever in the 1990s: A Prospective Study with Clincal Implications
Nina Singh, Victor L. Yu, Marilyn M. Wagener, and Timothy Gayowski

1139 Disseminated Bacille Calmette-Guérin Disease After Vaccination: Case Report and Review
Elizabeth A. Talbot, Mark D. Perkins, Sandra Fagundes M. Silva, and Richard Frothingham

1147 Report on an Outbreak of Postinjection Abscesses Due to *Mycobacterium abscessus*, Including Management with Surgery and Clarithromycin Therapy and Comparison of Strains by Random Amplified Polymorphic DNA Polymerase Chain Reaction
Alvaro Villanueva, Raul Villanueva Calderon, Braxedi Acosta Vargas, Fernando Ruiz, Sonia Aguero, Yansheng Zhang, Barbara A. Brown, and Richard J. Wallace, Jr.

1154 Nocardiosis After Bone Marrow Transplantation: A Retrospective Study
Jo-Anne van Burik, Robert C. Hackman, Sahba Q. Nadeem, John W. Hiemenz, Mary H. White, Mary E. D. Flowers, and Raleigh A. Bowden

1161 Use of Amplification and Sequencing of the 16S rRNA Gene to Diagnose *Mycoplasma pneumoniae* Osteomyelitis in a Patient with Hypogammaglobulinemia
Bernard La Scola, Gerard Michel, and Didier Raoult

1164 Pneumococcal Bacteremia in Hospitalized Israeli Adults: Epidemiology and Resistance to Penicillin
Raul Raz, Gai Elhanan, Zvi Shimoni, Ruth Kitzes, Carlos Rudnicki, Yardena Igra, Amos Yinnon, and the Israeli Adult Pneumococcal Bacteremia Group

1169 Cross-Reactivity in *Histoplasma capsulatum* variety *capsulatum* Antigen Assays of Urine Samples from Patients with Endemic Mycoses
Joseph Wheat, H. Wheat, P. Connolly, M. Kleiman, K. Supparatpinyo, K. Nelson, R. Bradsher, and A. Restrepo

1172 Infectious Ocular Complications in Orthotopic Liver Transplant Patients
Genovefa A. Papanicolaou, Burt R. Meyers, Wayne S. Fuchs, Samuel L. Guillory, Meryl H. Mendelson, Patricia Sheiner, Sukru Emre, and Charles Miller

1178 Invasive Mold Sinusitis: 17 Cases in Immunocompromised Patients and Review of the Literature
Peter C. Iwen, Mark E. Rupp, and Steven H. Hinrichs

1185 An Assessment of the Usefulness of the Duke Criteria for Diagnosing Active Infective Endocarditis
Mikkael A. Sekeres, Elias Abrutyn, Jesse A. Berlin, Donald Kaye, Judith L. Kinman, Oksana M. Korzeniowski, Matthew E. Levison, Roy S. Feldman, and Brian L. Strom

1191 Fulminant Hepatitis During Herpes Simplex Virus Infection in Apparently Immunocompetent Adults: Report of Two Cases and Review of the Literature
R. Wesley Farr, Steven Short, and David Weissman

1195 Prospective Study of Histoplasmosis in Patients Infected with Human Immunodeficiency Virus: Incidence, Risk Factors, and Pathophysiology
David S. McKinsey, Richard A. Spiegel, Lori Hutwagner, James Stanford, Michael R. Driks, Joseph Brewer, Mala R. Gupta, David L. Smith, Mary C. O'Connor, and Lawrence Dall

1204 Oropharyngeal Candidiasis in Patients with AIDS: Randomized Comparison of Fluconazole Versus Nystatin Oral Suspensions
Vincent Pons, Deborah Greenspan, Francina Lozada-Nur, Laurie McPhail, Joel E. Gallant, Allan Tunkel, Caroline C. Johnson, James McCarty, Helene Panzer, Marcia Levenstein, Annella Barranco, and Stephen Green

1208 Use and Effectiveness of Hypothermia Blankets for Febrile Patients in the Intensive Care Unit
Judith O'Donnell, Peter Axelrod, Carley Fisher, and Bennett Lorber

1214 Editorial Response: Assaulting a Physiological Response
Philip A. Mackowiak

1217 Bacteremia Due to *Klebsiella oxytoca*: Clinical Features of Patients and Antimicrobial Susceptibilities of the Isolates
Rong-Dih Lin, Po-Ren Hsueh, Shan-Chwen Chang, Yee-Chun Chen, Wei-Chuan Hsieh, and Kwen-Tay Luh

1223 Adverse Reactions to Thalidomide in Patients Infected with Human Immunodeficiency Virus
Patrick Haslett, Jane Tramontana, Margaret Burroughs, Margaret Hempstead, and Gilla Kaplan

1228 Broad-Spectrum Bacterial rDNA Polymerase Chain Reaction Assay for Detecting Amniotic Fluid Infection Among Women in Premature Labor
Jane Hitti, Donald E. Riley, Marijane A. Krohn, Sharon L. Hillier, Kathy J. Agnew, John N. Krieger, and David A. Eschenbach

1233 *Mycobacterium kansasii* Disease in Patients Infected with Human Immunodeficiency Virus
Rafael E. Campo and Carlos E. Campo

1239 **Answer to Photo Quiz**

Notes

1240 Measurement of Procalcitonin Levels in Children with Bacterial or Viral Meningitis
Dominique Gendrel, Josette Raymond, Marcel Assicot, Florence Moulin, Jean-Luc Iniguez, Pierre Lebon, and Claude Bohuon

1243 An Outbreak of *Enterobacter hormaechei* Infection and Colonization in an Intensive Care Nursery
Peter N. Wenger, Jerome I. Tokars, Patrick Brennan, Carol Samel, Lee Bland, Michael Miller, Loretta Carson, Matthew Arduino, Paul Edelstein, Sonia Aguero, Conradine Riddle, Caroline O'Hara, and William Jarvis

1245 Systemic Infection with *Mycobacterium genavense* Following Immunosuppressive Therapy in a Patient Who Was Seronegative for Human Immunodeficiency Virus
Christian Bogdan, Peter Kern, Elvira Richter, Andrea Tannapfel, Sabine Rüsch-Gerdes, Thomas Kirchner, and Werner Solbach

1248 Clinical Significance of Splenic Tuberculosis in Patients Infected with Human Immunodeficiency Virus
Amparo González-López, Fernando Dronda, Mercedes Alonso-Sanz, Fernando Chaves, Ignacio Fernández-Martín, and Luis López-Cubero

1252 Cerebral Relapse of Sarcoidlike Whipple's Disease
F. P. J. Peters, R. S. M. E. Wouters, A. P. de Bruine, and R. W. Stockbrügger

International Report

1256 Clinical Profile of Herpes Zoster Ophthalmicus in Ethiopians
Samson Bayu and Wondu Alemayehu

Brief Reports

1261 Acyclovir Therapy for Immunocompetent Children with Chickenpox
Roberto Manfredi and Francesco Chiodo

1262 Rifampin-Resistant *Mycobacterium kansasii* Infection in a Patient with AIDS Who Was Receiving Rifabutin
J. L. Meynard, V. Lalande, M. C. Meyohas, J. C. Petit, and J. Frottier

1263 *Hafnia alvei* Infection After Liver Transplantation
Joseph W. Barry, Edward A. Dominguez, Daniel J. Boken, and Laurel C. Preheim

1264 Asymptomatic Hepatitis in Persons Who Received Alternative Preventive Therapy with Pyrazinamide and Ofloxacin
Renée Ridzon, Jody Meador, Roberta Maxwell, Kathy Higgins, Penny Weismuller, and Ida M. Onorarto

1265 *Pneumocystis carinii* Pneumonia in Asians and Pacific Islanders
Haftan Eckholdt and John Chin

1267 *Tsukamurella inchonensis* Bacteremia in a Patient Who Ingested Hydrochloric Acid
Yunsop Chong, Kyungwon Lee, Chae Yoon Chon, Mun Jeong Kim, Oh Hun Kwon, and Hee Joo Lee

1268 Clinical Significance of *Staphylococcus aureus* Bacteriuria Without Concurrent Bacteremia
Shay Sheth and Mark J. DiNubile

1270 Serendipitous Detection of Persistent *Campylobacter jejuni* Subspecies *jejuni* Bacteremia in a Patient Undergoing Bone Marrow Transplantation
Mindy Schuster, Martin J. Blaser, and Irving Nachamkin

1271 *Streptococcus constellatus* Endocarditis Presenting as Acute Embolic Stroke
Mark A. Marinella

1272 Community-Acquired Prosthetic Valve Endocarditis Due to Methicillin-Resistant *Staphylococcus aureus*
Mark A. Mallory, Richard E. Nettles, Andrew Alspaugh, and Daniel J. Sexton

1273 Cutaneous *Mycobacterium avium* Complex Infection at an Intramuscular Injection Site in a Patient with AIDS
John R. Meadows, Rossana Carter, and Harold P. Katner

1274 Severe Recalcitrant Erythematous Desquamating Disorder Associated with Fatal Recurrent Toxic Shock Syndrome in a Patient without AIDS
Annelies Verbon and Charles J. Fisher, Jr.

1276 Detection of a 130-kD Matrix Metalloproteinase in Cerebrospinal Fluid from a Patient with Lyme Neuroborreliosis
Linden T. Hu, George Perides, Linda M. Tanner, and Mark S. Klempner

1278 Shiga Toxin–Producing *Escherichia coli* Serotype OX3:H21 as a Cause of Hemolytic-Uremic Syndrome
Markku Keskimäki, Risto Ikäheimo, Päivi Kärkkäinen, Flemming Scheutz, Yuli Ratiner, Ritvaleena Puohiniemi, and Anja Siitonen

1280 Editorial Response: Shiga Toxin–Producing *Escherichia coli* Serotype OX3:H21 as a Cause of Hemolytic-Uremic Syndrome
David W. K. Acheson and Gerald T. Keusch

Correspondence

1283 Dermonodular and Visceral Leishmaniasis Due to *Leishmania infantum* with a New Isoenzyme Pattern
C. Perrin, B. Taillan, P. Del Giudice, Y. Lefichoux, and J. F. Michiels

1283 Reply
Massimo Scaglia, Antonello Malfitano, Hélène Douville, Paolo Sacchi, Simonetta Gatti, Luigi Gradoni, and Marina Gramiccia

1284 Hematogenous Infections of Subdural Hematomas
Leslie L. Barton

1284 Funguria Might Not Be So Benign
Ching-Tai Huang

1285 Cardiac Arrhythmias Associated with Coadministration of Azole Compounds and Cisapride
Noreen H. Chan-Tompkins and Timothy J. Babinchak

1285 Reply
Boni E. Elewski and Rod Hay

Book Reviews

1286 Antibiotics in Laboratory Medicine
Edited by Victor Lorian
Reviewed by Ellen Jo Baron and Janet A. Hindler

1287 Molecular Diagnosis—A Quarterly Publication
Editor-in-chief, David L. Cooper
Reviewed by Carolyn M. Black

1287 Urinary Tract Infections: Detection, Prevention, and Management
Written by Calvin M. Kunin
Reviewed by Richard A. Gleckman

1288 Infections of the Central Nervous System
Edited by W. Michael Scheld, Richard J. Whitley, and David T. Durack
Reviewed by Morton N. Swartz

1289 **Notices**

1290 **Statement of Editorial Policy**

1292 **Checklist of Information for Inclusion in Reports of Clinical Trials**

1293 **Instructions to Authors**

1295 **Reviewers for Volume 24**

1300 **Author Index to Volume 24**

1306 **Subject Index to Volume 24**

Tables of Contents to Volume 24